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Metal-free visible-light-promoted intermolecular [2+2]-cycloaddition of 3-vlideneoxindoles

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Graphical Abstract

R3
$$\frac{1}{11}$$
Rose Bengal, MeOH
rt, visible light

1a-n

Rose Bengal, MeOH
R3
R1
R1
R3
R2
R2
2a-n

 $R^1 = OMe, OEt, OPr, Me, Ph$

 $R^2 = H$, Me, Bn

R³ = H, 5-Me, 5-OMe, 5-F, 5-Br, 5-I, 7-F, 7-Cl

14 examples, yields: 30-93%

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